



# 2001 Toxics Release Inventory

## OREGON

### Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	36,428,289
Air Emissions	12,914,088
Surface Water Discharges	2,912,278
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	3,999,477
Other On-site Land Releases	16,602,446
Off-site Releases (Transfers Off-site to Disposal)*	1,148,229
<b>Total On- and Off-site Releases</b>	<b>37,576,517</b>
Recycled On-site	22,101,690
Recycled Off-site	13,281,298
Energy Recovery On-site	14,813,876
Energy Recovery Off-site	2,053,144
Treated On-site	42,316,360
Treated Off-site**	10,049,902
Quantity Released On- and Off-site***	46,747,723
<b>Total Production-related Waste Managed</b>	<b>151,363,993</b>
<b>Non-production-related Waste Managed</b>	<b>147,532</b>
<b>Transfers Off-site for Further Waste Management, including Disposal</b>	
Recycling	13,307,350
Energy Recovery	2,037,950
Treatment	846,649
Publicly Owned Treatment Works (POTWs)	10,891,009
Metals and Metal Category Compounds*	61,395
Non-metal TRI Chemicals**	10,829,614
Other Off-site Transfers****	853
Transfers Off-site to Disposal (not including metals to POTWs)	9,482,359
<b>Total Transfers Off-site for Further Waste Management, including Disposal</b>	<b>36,566,169</b>

\* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

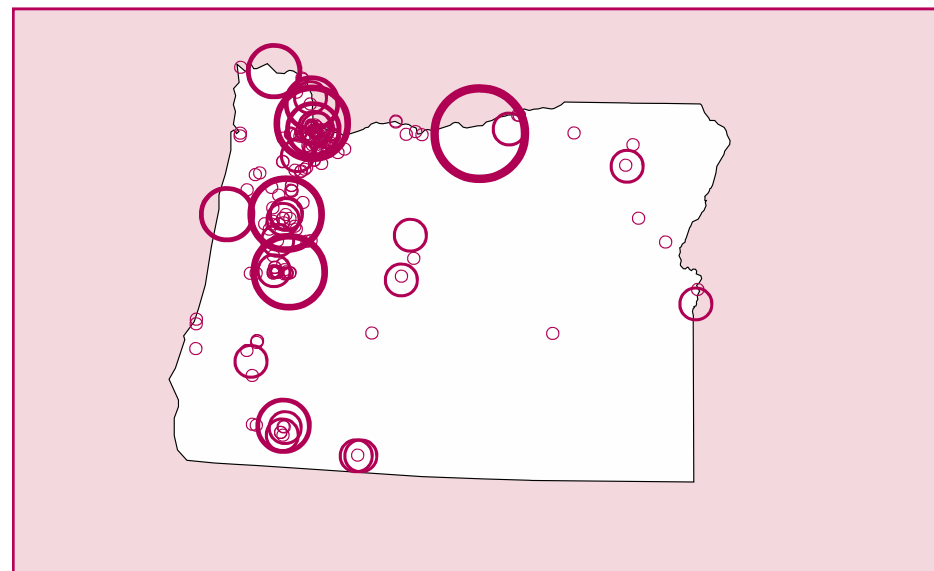
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To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Oregon. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

#### State/TRI Data

Population	3,473,441
Square Miles	96,003
Total Facilities	307
Total Forms	1,015
Form As	118

	Total
<b>National Rank for Total On- and Off-site Releases*</b>	
Rank	33
Pounds	37,576,517
<b>National Rank for Total On-site Releases**</b>	
Rank	29
Pounds	36,428,289
<b>National Rank for Total Releases within State***</b>	
Rank	31
Pounds	37,980,401
<b>National Rank for Production-related Waste Managed</b>	
Rank	33
Pounds	151,363,993

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2001 Toxics Release Inventory

## OREGON

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
1332-21-4	Asbestos (friable)	0	0	0	13,527,863	113	13,527,976	0	113	0
—	Zinc compounds	20,045	17,770	0	70,153	7,195,718	7,303,686	10,995	101,236	7,103,881
67-56-1	Methanol	5,735,183	243,085	0	4,302	6,748	5,989,318	0	6,743	5
—	Manganese compounds	14,161	108,529	0	1,883,894	1,188,700	3,195,284	43,648	276,221	912,479
—	Nitrate compounds	10	2,456,025	0	57,699	1,292	2,515,026	11,384	1,292	0

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	6,445.12	3,091.24	0.00	131,306.13	728,344.53	869,187.01	7,313.16	38,238.60	690,126.43
7439-92-1	Lead	1,275.50	15.50	0.00	750,930.58	1,363.39	753,584.96	9,713.61	594.32	774.52
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	672,884.68	0.00	672,884.68	0.00	0.00	0.00
—	Polycyclic aromatic compounds	3,124.08	62.10	0.00	31,234.80	139.35	34,560.33	370,630.40	139.60	0.00
7439-97-6	Mercury	226.32	2.76	0.00	3,963.10	3.20	4,195.38	0.00	3.20	0.00
—	Mercury compounds	260.67	0.74	0.00	72.11	154.35	487.87	293.10	20.31	134.04
57-74-9	Chlordane	0.00	0.00	0.00	274.60	0.00	274.60	0.00	0.00	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	166.97	23.65	190.62	0.00	23.65	0.00
76-44-8	Heptachlor	0.00	0.00	0.00	182.69	0.00	182.69	0.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	173.69	0.00	173.69	0.00	0.00	0.00
8001-35-2	Toxaphene	0.00	0.00	0.00	170.80	0.00	170.80	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	4.16	4.10	0.00	63.00	15.80	87.06	14,194.04	13.80	2.00
—	Dioxin and dioxin-like compounds	0.03	0.01	0.00	0.00	0.03	0.07	0.16	0.03	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>11.536</i>	<i>2.984</i>	<i>0.000</i>	<i>1.101</i>	<i>14.477</i>	<i>30.098</i>	<i>70.800</i>	<i>14.477</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\*\* No reports were submitted for these chemicals.

\*\* The chemical ranking is based on the amounts in this column.



# 2001 Toxics Release Inventory

## OREGON

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	2,316	0	0	0	3,998,387	13,682,585	17,683,287	0	331
Oregon Steel Mills Inc., Portland, Multnomah	17,114	1,509	0	0	0	1,884,060	1,902,684	0	2,635,276
Weyerhaeuser Co., Springfield, Lane	1,472,846	84,855	0	0	0	0	1,557,701	0	0
TDY Ind. Inc. (Dba Wah Chang), Albany, Linn	436,515	959,212	0	0	0	0	1,395,727	21,224	6,195
Boise Cascade Corp., Saint Helens, Columbia	1,058,256	0	0	0	0	0	1,058,256	63,928	0
Eastman Kodak Co., White City, Jackson	938,205	10	0	0	0	610	938,825	765	10
Wacker Siltronic Corp., Portland, Multnomah	5,505	918,800	0	0	0	0	924,305	0	0
Georgia-Pacific West Inc., Toledo, Lincoln	723,039	27,916	0	0	0	112,068	863,023	0	0
Fort James Operating Co. Wauna Mill, Clatskanie, Clatsop	674,186	33,808	0	0	0	56,426	764,420	0	0
Pope & Talbot Inc. Halsey Pulp Mill, Halsey, Linn	539,195	36,456	0	0	0	0	575,651	3,901	0

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA	Other		Transferred Within State Pounds	Transferred Out of State Pounds
					Subtitle C Landfills Pounds	On-site Land Releases Pounds			
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	0.03	0.00	0.00	0.00	1,459,146.57	60,398.51	1,519,545.11	0.00	2.84
Oregon Steel Mills Inc., Portland, Multnomah	1,409.04	9.03	0.00	0.00	0.00	54,290.48	55,708.55	0.00	173,916.49
Georgia-Pacific West Inc., Toledo, Lincoln	139.00	1,900.00	0.00	0.00	0.00	10,406.00	12,445.00	0.00	0.00
Cascade Steel Rolling Mills Inc., Mc Minnville, Yamhill	4,153.01	2.00	0.00	0.00	0.00	0.00	4,155.01	0.00	511,278.00
Boardman Plant, Boardman, Morrow	1,263.41	0.00	0.00	0.00	0.00	2,678.60	3,942.01	0.00	0.00
SP Newsprint Co. Newberg Mill, Newberg, Yamhill	1,527.30	541.90	0.00	0.00	0.00	0.00	2,069.20	36,117.00	0.00
Boise Cascade Elgin Complex, Elgin, Union	52.20	0.00	0.00	0.00	0.00	1,815.00	1,867.20	0.00	0.00
Boise Cascade Medford Ops., Medford, Jackson	4.40	8.00	0.00	0.00	0.00	749.00	761.40	0.00	0.00
Fort James Operating Co. Wauna Mill, Clatskanie, Clatsop	116.50	177.90	0.00	0.00	0.00	426.10	720.50	0.00	0.00
Collins Prods. L.L.C., Klamath Falls, Klamath	663.00	0.00	0.00	0.00	0.00	0.00	663.00	0.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2001 Toxics Release Inventory

## OREGON

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	0	0	0	1,168	19,975	970	17,722,298	17,744,411	100
Cascade Steel Rolling Mills Inc., Mc Minnville, Yamhill	0	81,104	0	0	0	0	6,203,899	6,285,003	0
Oregon Steel Mills Inc., Portland, Multnomah	0	0	0	0	0	0	4,536,125	4,536,125	0
Weyerhaeuser Co., Springfield, Lane	0	64	3,005,727	1	1,726,873	0	1,533,295	6,265,960	0
TDY Ind. Inc. (Dba Wah Chang), Albany, Linn	13,575,000	0	0	0	1,235,000	114,008	1,416,774	16,340,782	1,199
Boise Cascade Corp., Saint Helens, Columbia	0	0	1,101,480	0	407,438	6,507,861	1,064,810	9,081,589	0
Eastman Kodak Co., White City, Jackson	3,025,000	125,260	3,507,000	623,000	6,514,800	192,750	937,724	14,925,534	774
Wacker Siltronic Corp., Portland, Multnomah	0	18,200	0	0	1,508,500	49,700	923,780	2,500,180	0
Georgia-Pacific West Inc., Toledo, Lincoln	0	0	0	0	1,333,600	0	865,471	2,199,071	0
Fort James Operating Co. Wauna Mill, Clatskanie, Clatsop	0	0	31,930	0	8,298,791	0	770,171	9,100,892	0

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	0.00	0.00	0.00	2.00	3.00	140.00	1,519,548.00	1,519,693.00	0.00
Cascade Steel Rolling Mills Inc., Mc Minnville, Yamhill	0.00	6,691.00	0.00	0.00	0.00	0.00	515,433.00	522,124.00	0.00
Oregon Steel Mills Inc., Portland, Multnomah	0.00	0.00	0.00	0.00	0.00	0.00	229,625.00	229,625.00	0.00
SP Newsprint Co. Newberg Mill, Newberg, Yamhill	0.00	0.00	0.00	0.00	0.00	0.00	38,176.00	38,176.00	0.00
Kerr - McGee Chemical L.L.C., The Dalles, Wasco	0.00	0.00	0.00	13,900.00	0.00	0.00	13,900.00	27,800.00	0.00
Georgia-Pacific West Inc., Toledo, Lincoln	0.00	0.00	0.00	0.00	0.00	0.00	12,445.00	12,445.00	0.00
Boardman Plant, Boardman, Morrow	0.00	0.00	0.00	0.00	0.00	0.00	3,942.00	3,942.00	0.00
Owens-Brockway Glass Container Inc. Plant #21, Portland, Multnomah	0.00	0.00	0.00	0.00	0.00	0.00	3,092.00	3,093.00	0.00
Boise Cascade Elgin Complex, Elgin, Union	0.00	0.00	0.00	0.00	0.00	0.00	1,867.00	1,867.00	0.00
Country Coach Inc., Junction City, Lane	0.00	1,227.00	0.00	0.00	0.00	0.00	1,227.00	2,454.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.